SBR-N10/285/16-17

Original/Duplicate/Triplicate
CONTRACT CERTIFICATE

No. ***First & Final Bill*** (For Other Works) Date. 24/03/2017

Division: **BBMP, Byataranyanapura** Sub-Division: **BBMP, Vidyaranyapura**

Bill Received No. 915/24-4-17 Dated Divisional Cash Book Voucher No..... Dated.....
Sub Divisional **Work Code: 009-15-000053**

Schedule Docket No. Head of Account: **P-3075** **Est.Cost: 30.00 Lakhs** D.R.No. :

Name of Work (as per sanctioned estimate: **Improvements to Roads & Drains at HMT 1st, 2nd & 3rd Block in ward No. 09 Vidyaranyapura sub Division.**

Name of Contractor and Full Address: ***Sri Ramesh Anand, # 174, 3rd Main Road, AECS Layout, 1st Stage, Sanjayanagara, Bangalore.***

Reference to Agreement No. **EE/BTP/BBMP/E-PMT/03(18428)/WO/101/2016-17** **Dated: 05.08.2016**

Certified that the measurements were taken by me on 15/3/17 and recorded of **Pages** 126428 **to** 126444 of measurement Book No. 1265 and that the work is satisfactorily executed.

Contractor **Officer-in-~~charge~~ of work**

Certified that the measurement were taken by me on 24/3/17 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

II Memorandum of Payment

1)	Total value of work done or supplies made as per account within	
2)	Deduct amount to be held in reserve being .....percent Rs.....	
3)	" Balance	
4)	Deduct Payment:	
	a. Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No.....Amount	29,68,539-00
	adjusted towards cash advance recovery of	
	b. Payments Now made: cost store or other material supplied.	
	recovery of amount creditable to this/other work	
	Amount paid on this bill Cheque / Cash.	
	ST- 29685-00	
	VAT- 118742-00	
	Cess- 29685-00	
	CBF- 2969-00	
	LR- 44528-00	
5)	Balance being unpaid value of work done held in reserve.	
6)	Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.	Adj- 225609-00
7)	Net amount due to or from Contractor unadjustments items.	
8)	Advance to Contractor for materials brought to site (as detailed) within.	
9)	Value of Government materials supplied.	
	Total amount adjusted -	2742930-00

Contractor's Signature

Received Rs..... (in words).....
.....
by cash and by adjustment of Payment as per memorandum (in final settlement of all demands)

(For use in the Office)

ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 29,68,539-00
ಇದರಲ್ಲಿ ಮುಂಗಡ ಮುರಿದುಕೊಂಡು ಉಳಿದ ಮೊಬಲಗು
ರೂ. 27,42,930-00
(Rupees Twenty Seven Lakhs forty two thousand nine hundred thirty only)
ಚೆಕ್ ಮುಖಾಂತರ ನೀಡಲಾಗಿದೆ

Krishnaprasad for Executive Engineer
ಎಕ್ಸಿಕ್ಯೂಟಿವ್ ಇಂಜಿನಿಯರ್
ಬಿ.ಬಿ.ಎಂ.ಪಿ
ಬಿ.ಬಿ.ಎಂ.ಪಿ

Witness
1.
2.

Stamp

Dated Signature of Contractor
Paid by me by Cheque No.....Dated.....
Cash Rs.....
Dated.....

Initials of Officer making payment **Executive Engineer**

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ
ಯಲಹಂಕ ವಲಯ
ಬೃ.ಬೆಂ.ಮ.ಪಾ., ಬೆಂಗಳೂರು-97.

Sl. No.		Unit
1	Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods etc complete as per specifications and directions of engineer in charge of the work	Cum
	Qty Above 125%	
2	Removing B.S Slab of Drain and stacking etc complete as per specifications and directions of engineer in charge of the work	Sqm
3	Refixing stone slabs of drains and pointing in C.M (1:3) etc complete as per specifications and directions of engineer in charge of the work	Sqm
4	Providing and laying in position plain cement concrete of **mix 1:4:8 with OPC cement @ 180 kgs with 40mm** and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregares @ 0.57 cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing etc complete as per specifications and directions of engineer in charge of the work	Cum
	Qty Above 125%	
5	Providing and laying in position **reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs, with 20mm and down size graded granite metal**, coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum with superplastisiser @ 3lts confirming to IS 9103-1999 reaffirmed-2008 machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, walls (any thickness) including attached plasters, column, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour, HOM of machinery, curing, etc complete as per specifications and directions of engineer in charge of the work	Cum
6	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 **TMT Bars FE 500** etc complete as per specifications and directions of engineer in charge of the work	Tonne
7	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for **vertical surface such as walls** at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour etc complete as per specifications and directions of engineer in charge of the work	Sqm
8	Scarifying kankar/gravel/metal crust upto 150mm thick with pick axes and disposal of stuff within a lead of 100 meters including cost of all labour charges etc complete as per specifications and directions of engineer in charge of the work	Sqm
9	Providing, laying spreading and compacting graded stones aggregate to **wet mix macadam** specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying, in uniform layers with paver in sub base course on well prepared surface and compacting with vibratory roller to achieve the desired density etc complete as per specifications and directions of engineer in charge of the work	Cum
	Qty Above 125%	
10	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WBM, WMM including cleaning of road surface and spraying primer at the rate of 0.60 Kg / sqm using mechnical means etc complete as per specifications and directions of engineer in charge of the work	Sqm
11	Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means inlcuding loading and unloading etc complete as per specifications and directions of engineer in charge of the work	Cum
	Qty Above 125%	
	EIRL	
12	Providing granite slabs of selected quality roughly dressed havinf a size of 10 cms thick and fixed in cement mortar (1:6) including fixing curing etc complete as per specifications and directions of engineer in charge of the work	Sqm
13	Construction of Embankment with Material Gravel / Murrum. KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications.(Including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density) etc complete as per specifications and directions of engineer in charge of the work	cum

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
-	-	479.13	83.16	39844.00	479.13	39844.00	
-	-	116.29	86.92	10108.00	116.29	10108.00	
-	-	283.53	63.72	18067.00	283.53	18067.00	
-	-	283.53	78.84	22354.00	283.53	22354.00	
-	-	3.71	5070.60	18812.00	3.71	18812.00	
-	-	39.49	5159.02	203730.00	39.49	203730.00	
-	-	42.98	6198.12	266395.00	42.98	266395.00	
		0.69	69805.80	48166.00	0.69	48166.00	
		106.20	306.72	32574.00	106.20	32574.00	
		657.00	25.92	17029.00	657.00	17029.00	
		170.63	1713.96	292453.00	170.63	292453.00	
		202.33	1768.08	357736.00	202.33	357736.00	
		1089.00	32.40	35284.00	1089.00	35284.00	
		479.13	106.34	50951.00	479.13	50951.00	
		116.29	112.44	13076.00	116.29	13076.00	
				0.00	0.00	0.00	
		249.78	825.74	206253.00	249.78	206253.00	
		230.85	320.12	73900.00	230.85	73900.00	

Sl. No.		Unit
14	Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries etc complete as per specifications and directions of engineer in charge of the work	Sqm
15	Providing and laying bituminous macadam on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant, transporting the mixd material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, but excluding cost of primer / tack coat including lead, lift and cost of all materials, labour, HOM of machineries complete as per specifications. MORTH /Chapter 5 - **using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 3.3 % VG-30 Bitumen** etc complete as per specifications and directions of engineer in charge of the work	cum
16	Providing and laying **bituminous concrete 40 mm thick** with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.9 complete in all respects complete as per specifications. MORTH Specification No. 509 - **using 40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 45 mm) with 6 % VG-30 Bitumen** etc complete as per specifications and directions of engineer in charge of the work	Cum
17	Providing and laying **semi dense bituminous concrete** using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 508 complete in all respects complete as per specifications. - **using 40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (25 mm to 30 mm) with 5 % VG-10 Bitumen** etc complete as per specifications and directions of engineer in charge of the work	cum
	Total	

CERTIFICATE

1. Certified that the above work done satisfactory and no materials issued from departmentally.

Jadha
AE 15/3/17

	Unit	Previous Measurement		Present Measurement			Total Upto Date		Remarks
		Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
s at ding neer	Sqm			3337.30	11.66	38913.00	3337.30	38913.00	
sign tone ixed ired M of with and	cum			15.90	5237.46	83276.00	15.90	83276.00	
s of ith a dem ects with and	Cum			116.51	7270.54	847091.00	116.51	847091.00	
ding, er to e the per 5 %	cum			45.41	6445.86	292707.00	45.41	292707.00	
Total						2968719.00		2968719.00	

Rs. 29,68,539-00 Rs. 29,68,539-00

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ವಿದ್ಯುಚ್ಛಕ್ತಿಯ ಉಪ ವಿಭಾಗ
ಯಲಹಂಕ ವಲಯ,
ಬೃ. ಬೆಂ. ಮ. ಪಾ., ಬೆಂಗಳೂರು-97